

FIG. 1A

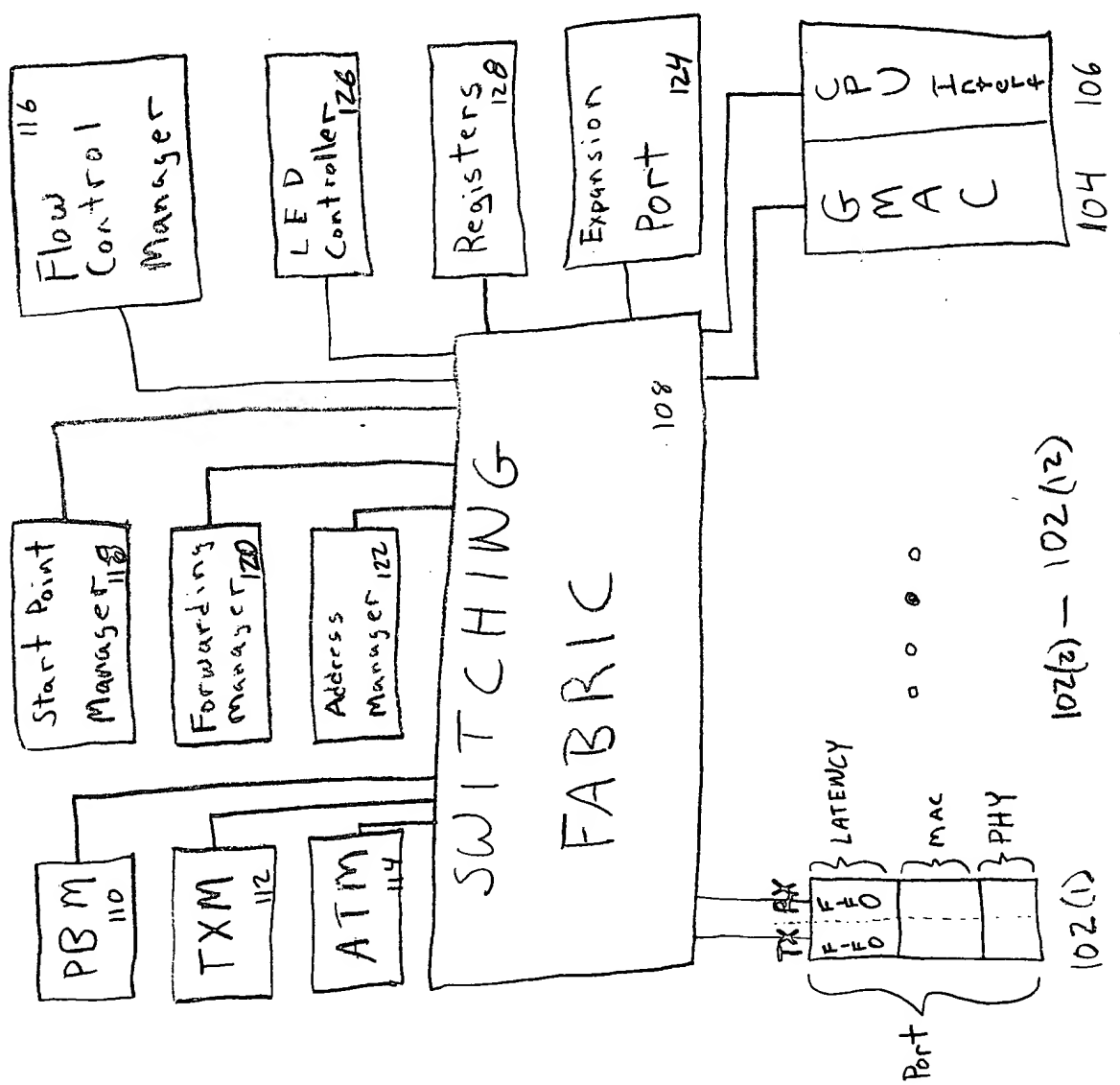


FIG. 1B

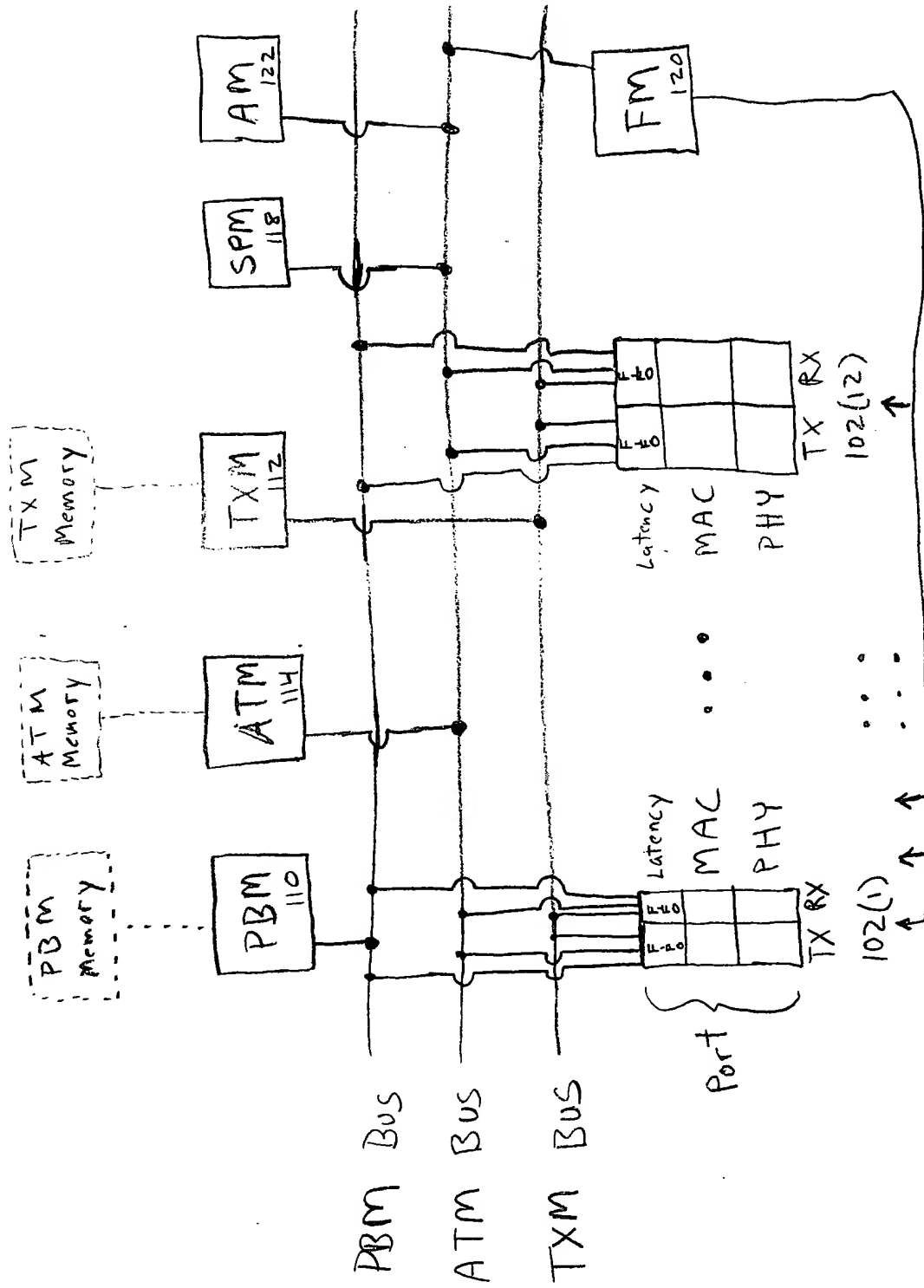


FIG. 1B

```
graph TD
    Start(( )) --> D1{IS Memory Being Written to?}
    D1 -- Y --> P1[Increment Counter]
    P1 --> D1
    D1 -- N --> D2{IS Memory Being Freed?}
    D2 -- Y --> P2[Decrement Counter]
    P2 --> D2
    D2 -- N --> D3{is Counter ≥ 1st threshold?}
    D3 -- Y --> P3[Transmit 1st Command]
    P3 --> D3
    D3 -- N --> D4{is Counter ≥ 2nd threshold?}
    D4 --> P4[Transmit 2nd Command]
    P4 --> D4
    D4 --> End(( ))
```

The flowchart illustrates a process for managing memory and transmitting commands. It begins with a decision diamond labeled '200' asking 'IS Memory Being Written to?'. If 'Y' (Yes), it proceeds to a process rectangle '202' labeled 'Increment Counter', which then loops back to the entry point before the first decision. If 'N' (No), it proceeds to a second decision diamond labeled '204' asking 'IS Memory Being Freed?'. If 'Y', it goes to a process rectangle '206' labeled 'Decrement Counter', which loops back to the entry point before the second decision. If 'N', it proceeds to a third decision diamond labeled '208' asking 'is Counter ≥ 1st threshold?'. If 'Y', it goes to a process rectangle '210' labeled 'Transmit 1st Command', which loops back to the entry point before the third decision. If 'N', it proceeds to a fourth decision diamond labeled '212' asking 'is Counter ≥ 2nd threshold?'. If 'Y', it goes to a process rectangle '214' labeled 'Transmit 2nd Command', which loops back to the entry point before the fourth decision. If 'N', it proceeds to the final exit point of the flowchart.

FIG. 2A

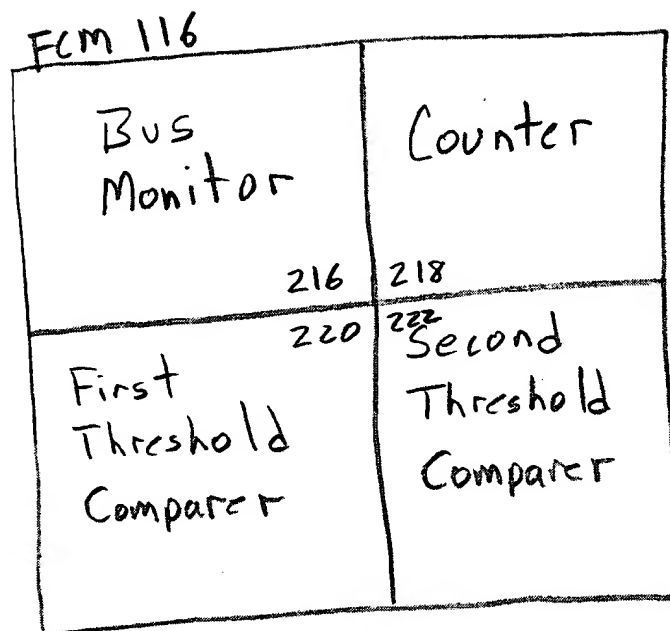


FIG. 2B

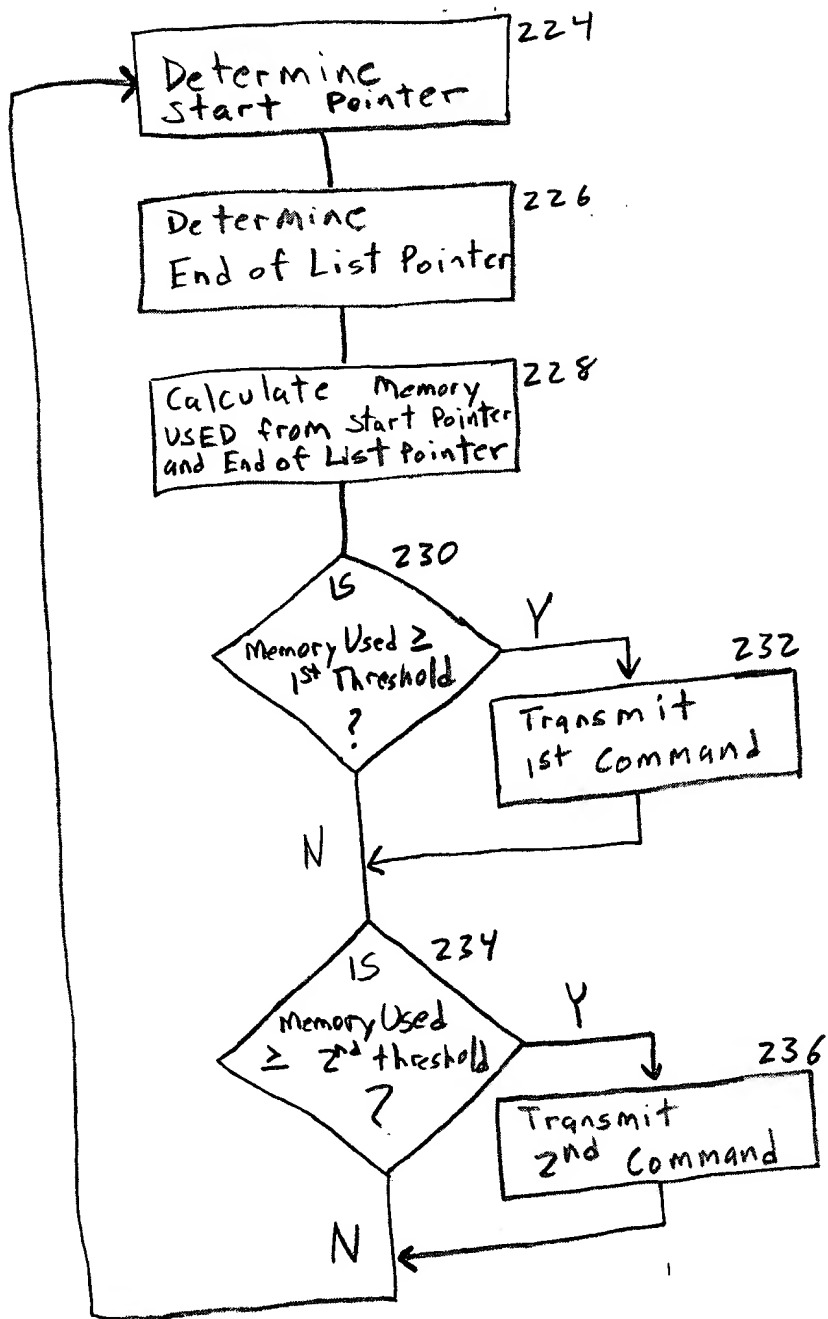


FIG. 2C

FCM 116

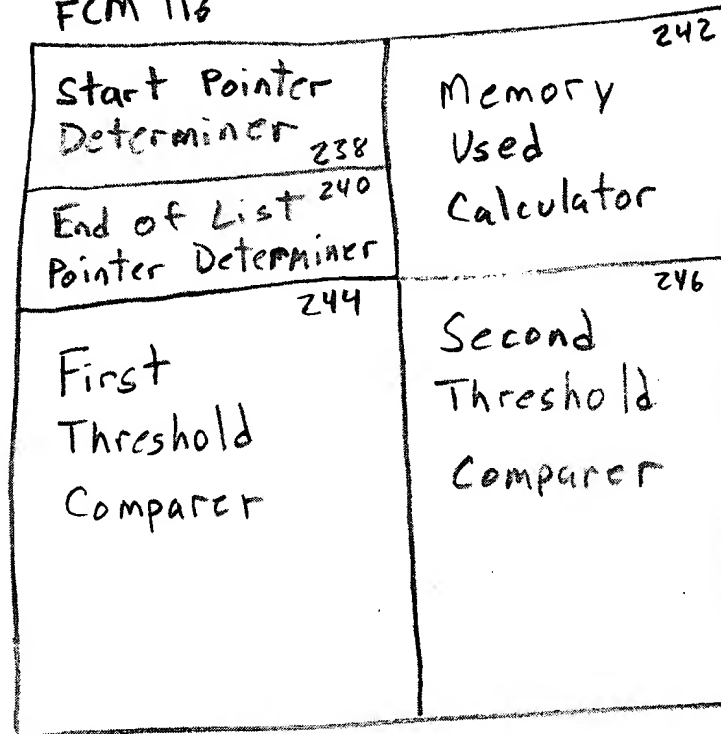


FIG. 2D

300

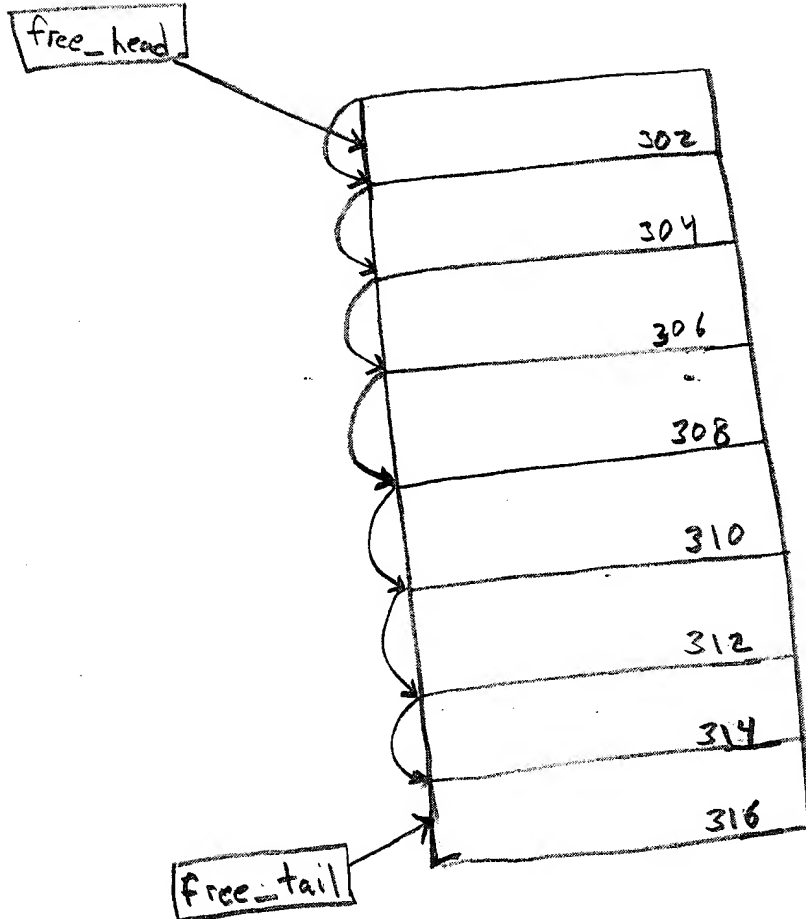


FIG. 3A

300

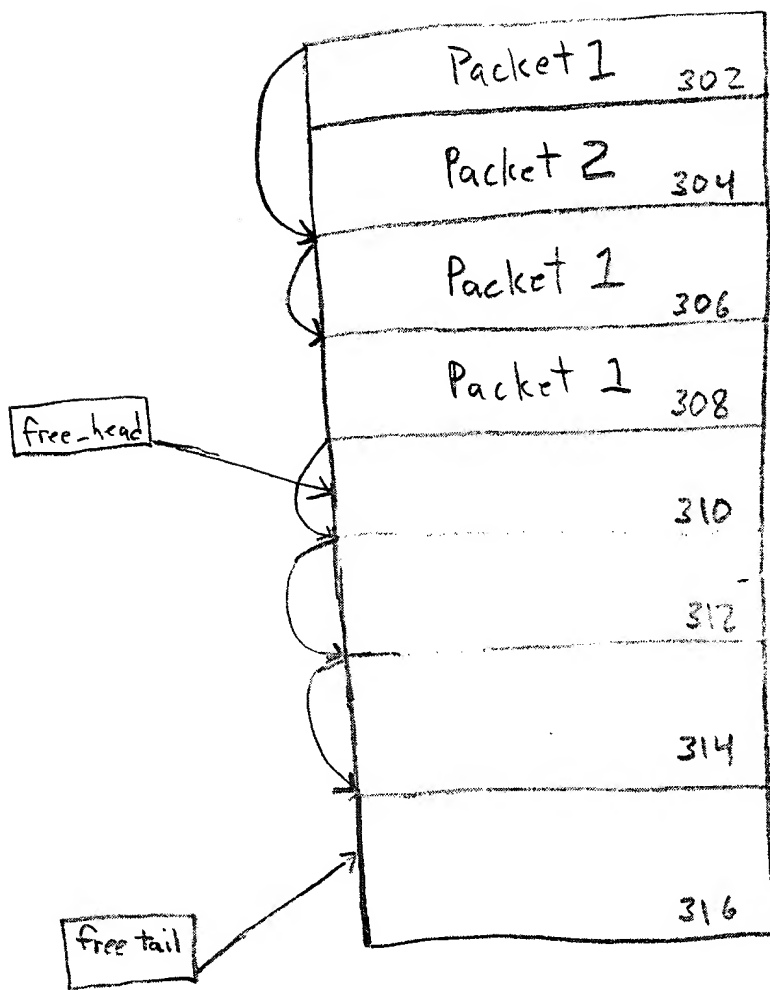


FIG. 3B



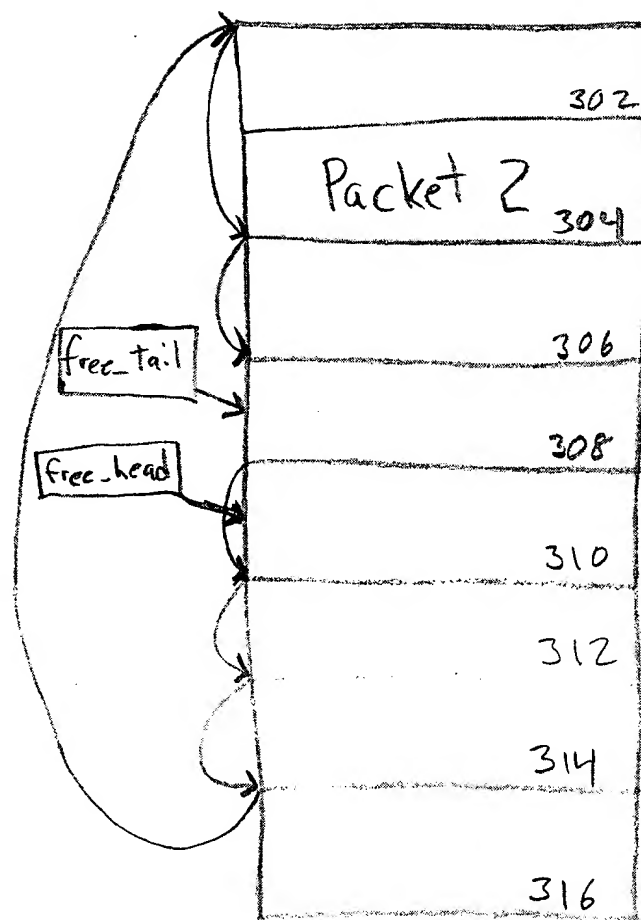


FIG. 3C

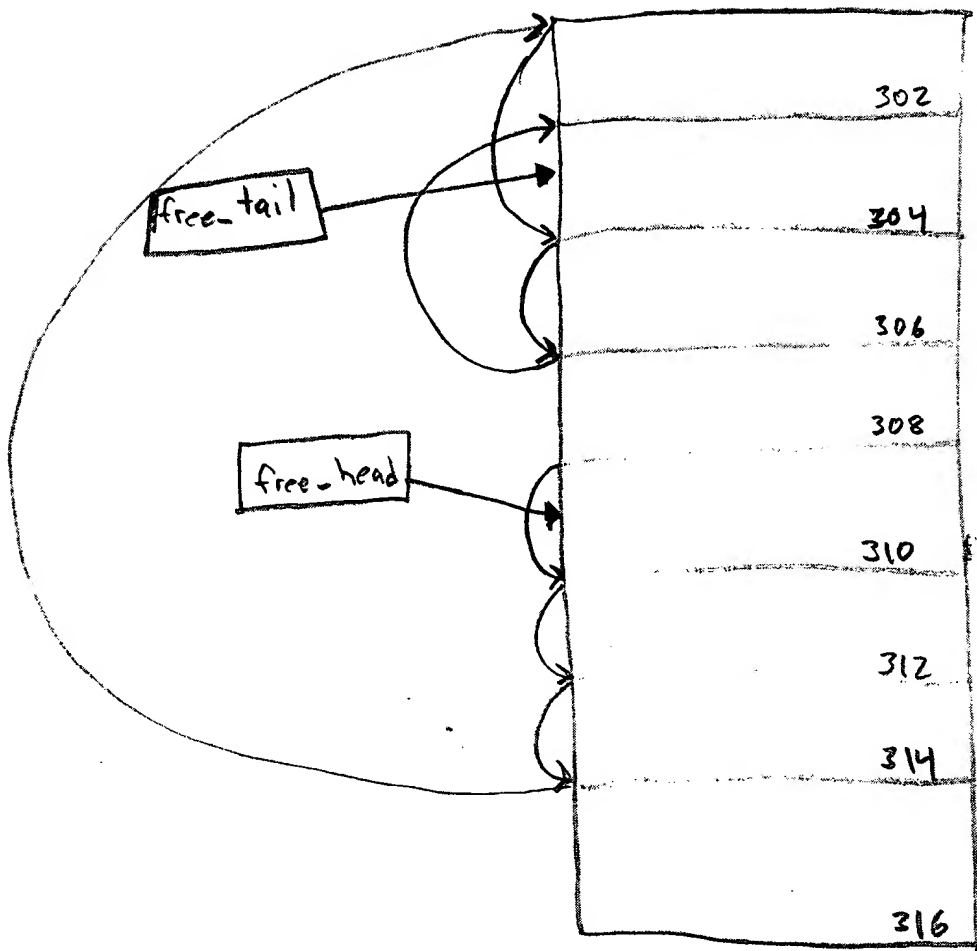


FIG. 3D